IN THE CLAIMS

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Currently Amended) A method for executing a multi-channel application capable of operating over a plurality of channels in a multi-channel system having a plurality of subscribers, said method comprising the steps of:

identifying each subscriber with a unique identifier which is independent of a subscriber device running said multi-channel application, wherein the multi-channel application comprises a set of applications in which each application is adapted for a specific device type;

~~presenting each subscriber with a personalized interface;~~

detecting device types associated with subscriber devices, wherein each device type is configured to communicate over at least one of the channels, wherein each channel is established over a particular medium;

translating application templates to specific markup languages associated with each of the device types;

communicating the translated application templates to each of the subscriber devices;

~~journaling transactions and memory objects during interaction with a subscriber~~ storing threads executed by each subscriber device during execution of each application, wherein each of the executed threads are stored within a particular session which is associated with each unique identifier such that upon any of the [[subscriber]] subscribers being disconnected during a session the subscriber is uniquely identified upon reconnection to the [[multi-channel]] application; and

recalling said executed threads when the subscriber reconnects to the application following the subscriber being disconnected;

presenting to the subscriber an option to continue execution of the [[multi-channel]] application from a previous point of execution prior to the subscriber being disconnected.

5. (Cancelled)

6. (Cancelled)

7. (Previously Presented) The method of Claim 4 further comprising the step of presenting to the subscriber an option to begin a new transaction.

8. (Previously Presented) The method of Claim 4 further comprising the steps of:
receiving subscriber requests;
detecting subscriber requests that are out of sequence; and
providing appropriate responses to subscriber requests that are out of sequence.

9. (Previously Presented) The method of Claim 8 wherein the step of detecting out of sequence subscriber requests includes:
tracking the sequence number of each request by use of a counter variable.

10. (Cancelled)

11. (Cancelled)

12. (Previously Presented) The method of Claim 11, wherein the device types are selected from the group consisting of internet-enabled desktop systems, wireless cellular telephones, smart telephones, PDAs, mobile computers, pagers, laptops, and voice phones.

13. (Currently Amended) A system for running a multi-channel application ~~applications~~ capable of operating over a plurality of channels, the system comprising:
an application manager that is adapted to:

run the multi-channel application, ~~applications capable of operating over a plurality of channels, to~~

receive requests from clients to access the multi-channel application ~~applications~~, and

~~to~~ execute the multi-channel application ~~applications~~ in response to the requests, wherein the multi-channel application comprises a set of applications in which each application is adapted for a specific type of client device; and

a presentation manager that is adapted to:

detect client device types associated with client requests, wherein each client device type is configured to communicate over at least one of the channels, wherein each channel is established over a particular medium, and

[[to]] generate outputs ~~output~~ to each of the clients, wherein the output to each client comprises the application formatted for the detected client device type [[types]].

14. (Previously Presented) The system of Claim 13 wherein the presentation manager includes:

a device detection subsystem that is adapted to detect device types based on parameters of client requests; and

a view executor that is adapted to generate content optimized for the detected device types.

15. (Previously Presented) The system of Claim 14 wherein the device types are selected from the group consisting of internet-enabled desktop systems, wireless cellular telephones, smart telephones, PDAs, mobile computers, pagers, laptops, and voice phones.

16. (Previously Presented) The system of Claim 13 further comprising:

at least one session data object, which is maintained by the system, and which is used by the system to store client transactions during execution of an application, and to recall said client transactions upon a subscriber reconnecting to the application following the subscriber being disconnected.

17. (Previously Presented) The system of Claim 14 further comprising:
means for managing out of sequence client requests.

18. (Previously Amended) The system of Claim 17 wherein the means for managing out of sequence client requests is adapted to receive client requests, detect client requests that are out of sequence, and provide appropriate responses to out of sequence client requests.

19. (Previously Presented) The system of Claim 18 further comprising:
means for determining whether a client request for a state in an application must be authorized.

20. (Currently Amended) A system for developing, running and analyzing a multi-channel application ~~applications~~ capable of operating over a plurality of channels, the system comprising:

a development module which is adapted to allow a developer to visually design [[a]] the multi-channel application ~~capable of operating over a plurality of channels~~;

a runtime system which is adapted to operate the multi-channel application ~~capable of operating over a plurality of channels~~, wherein the multi-channel application comprises a set of applications in which each application is adapted for a specific type of client device, wherein the runtime system comprises:

an application manager adapted to:
run the multi-channel application,
receive requests from clients to access the multi-channel application, and
execute the multi-channel application in response to the requests; and
a presentation manager adapted to:
detect client device types associated with the client requests, wherein each client device type is configured to communicate over at least one of the channels, wherein each channel is established over a particular medium, and
output the application to each client device formatted for each of the detected client device types; and

a data mining module which is communicatively coupled to the runtime system and which is adapted to monitor client usage of the runtime system.

21. (Previously Amended) The system of Claim 20, wherein the data mining module is adapted to determine all paths traversed by clients within the multi-channel application and to generate reports based on client usage of the runtime system.

22. (Previously Presented) The system of Claim 21 wherein the development module includes:

a first module adapted to allow a developer to visually design workflow for a multi-channel application;

a second module adapted to allow a developer to design views for the multi-channel application; and

a third module adapted to allow a developer to integrate data sources within the multi-channel application.

23. (Cancelled)